

Pointspan® Release 5.4 General Availability



General Availability of Pointspan Release 5.4

This Product Note announces the General Availability of the latest Pointspan® software release RL40PS5.4 and the SIP Pointspan Node (SPN).

Pointspan release 5.4 continues to enhance the Pointspan product family. Release 5.4 builds on the tightly integrated Aastra SIP Telephone and station features with functionality provided through the evolutions of Pointspan release 5.

With feature development based on customer requirements and changing needs, these new features continue to expand the functionality of Pointspan and the SPN within the customer's enterprise.

Upgrade orders for Pointspan release 5.4 will start delivery no later than April 12, 2010.

Pointspan Release 5.4 features

- ✧ SIP Automated Group Communication (AGC)
- ✧ SIP Voicemail Integration
- ✧ Transport Layer Security (TLS)
- ✧ SIP Ring Cadence
- ✧ Aastra SIP HFAA Enhancement
- ✧ Aastra SIP Intercom
- ✧ G.722 Audio Codec
- ✧ Aastra Hi-Q™ Audio
- ✧ Aastra 6739i Executive SIP Terminal
- ✧ Aastra MBU 400 Interoperability
- ✧ Aastra SIP-DECT Interoperability

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SIP Automated Group Communications

The Pointspan Automated Group Communications (AGC) feature functionality is now extended to support SIP devices connected to the SPN.

The AGC feature provides the capability of making an announcement to a group of Pointspan SIP stations (both Aastra and Non-Aastra), ITE phones with speakers (including ITE-12S, ITE-12+, ITE-12SD, ITE-30SD, L-ITE, S-ITE, ITE-760 and ITE-780), STEs, and Analog Trunks. A station or trunk calls a pre-defined number and is connected with a group of Pointspan destination ports. Aastra SIP and ITE destinations will go off hook automatically and be connected to the originator. A Pre-announcement tone will be played to indicate that an AGC announcement is going to be made. When all ITE destinations have been connected, the originator will hear a Start Announcement tone to indicate that the channel is open to speak to all connected destination phones. The name associated with the dialed AGC number will be displayed on both the originating and destination SIP and ITE displays. Since generic type devices do not support auto-answer from Pointspan, the AGC processing provides an STE device with one ring cycle and seize, an analog trunk will perform a seize, and a non-Aastra SIP station will ring for 15 seconds. If the generic destination answers within its allocated period, it will be connected to the AGC call that is in progress or if the AGC call has been terminated it will be idled. When the originator finishes the announcement and hangs up, all the associated connected destination stations will be idled.

SIP AGC Considerations

Each destination SIP station is connected to the AGC conference bridge via a unique IPI circuit. The number of SIP stations that can be connected is dependant on the number of available IPI circuits allocated to the SPN at the time an AGC call is placed. (Note: IP network bandwidth, congestion and other network conditions must be considered when deploying SIP AGC destinations for the number of connections and voice quality.)

Destination SIP stations **MUST** be configured with at least one voice line that does NOT appear on any other station in the system. When an AGC call is placed, the **first** unique voice line assigned to the SIP destination station will be used to answer the AGC call at the SIP phone.

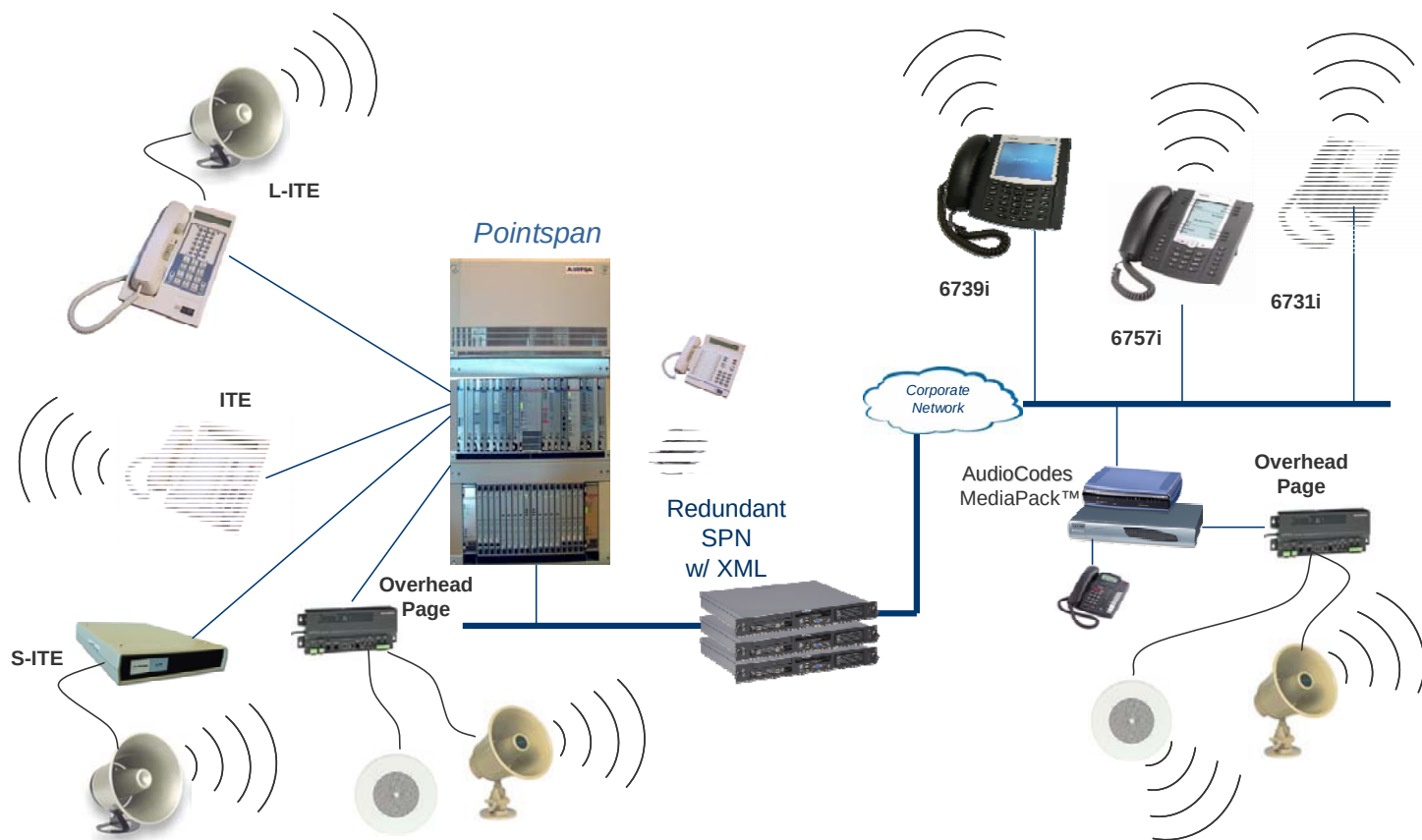


Table # 1 - AGC Feature part numbers

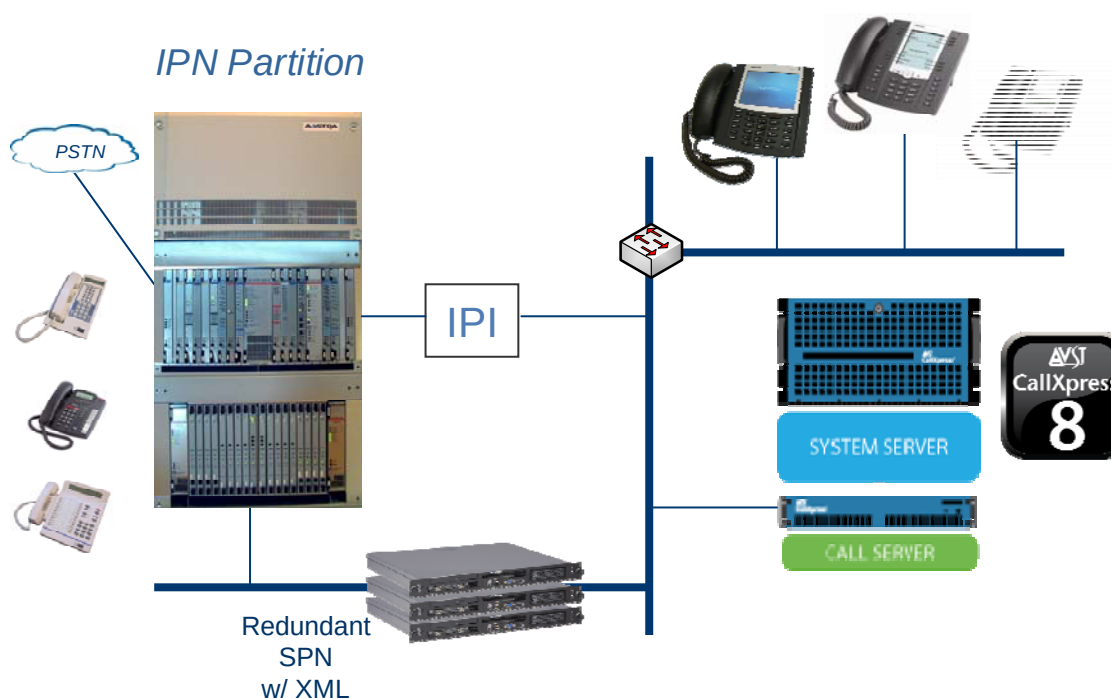
Part Number	Description
885 0250 047	BASE AGC PACKAGE W/ AGC FEATURE + 1 GROUP + 20 USERS
885 0251 047	AGC GROUP PACKAGE W/ 1 GROUP + 20 USERS
885 0252 047	AGC DESTINATION (PER PHONE) SFTWR OPTION
885 0253 047	AGC GROUP SFTWR OPTION, (GROUP ONLY)

SIP Voicemail Integration

Pointspan release 5.4 continues to expand SIP trunking support by introducing SIP Voicemail Integration via the SPN. Working closely with development resources from AVST, Pointspan has been enhanced to add SIP Integration to Voicemail.

Integration validation is complete for Pointspan SIP integration with AVST CallXpress® 8.1.

The Pointspan SPN controls IP call connectivity directly between SIP devices and the SIP voicemail resources and IP call connectivity between the IPI and SIP voicemail resources for TDM users.



This Pointspan SPN and AVST topology is intended to demonstrate the components necessary to interconnect the Pointspan SIP Voicemail integration with AVST CallXpress. Multiple server configurations, Neverfail® survivability, multiple integrations, geographic distribution and many more options are available.

Provisioning considerations:

IPI circuits are used to convert voice calls from TDM to RTP and RTP to TDM for calls to and from SIP devices and devices connected to IPN/RTN partitions. The SIP voicemail connections along with other SIP station and trunk traffic must be taken into consideration when calculating the number of IPI cards required to support the number of concurrent IPI calls. When implementing a SIP Voicemail integration, a minimum of 2 IPI interface cards should be considered to maintain hardware redundancy of the IPI resources.

SPN SIP Voicemail trunks are required to be provisioned to connect to the Voicemail system. This represents the number of concurrent SIP voicemail calls possible between the Pointspan SPN and AVST CallXpress.

SPN Transport Layer Security

SIP Transport Layer Security (TLS) for the Pointspan SPN is introduced in Pointspan release 5.4. The intention of SPN TLS is to:

- Validate the identity (Certificate) of the party (SIP station) to which the SIP messages are sent and received.
- Encrypt the SIP protocol messages to prevent unauthorized viewing and changing of the SIP messages
- Encrypt messages to and from the SPN, Gateway, and SIP stations.

SPN SIP TLS supports encryption of SIP signaling between the SPN and each enabled SIP device. The SPN server Certificate is always validated and optionally, a SIP device can provide a Certificate that the SIP server also validates when properly configured.

A TLS Certificate generation procedure is provided to generate the required Certificates and Keys.

Additional information can be found in the Pointspan 5.4 documentation.

SIP Ring Cadence Enhancement

Pointspan release 5.4 introduces the Ring Cadence (Distinctive Ring) feature for SPN SIP stations. This enhancement is included as part of Pointspan SPN design and is automatically available when Pointspan release 5.4 is installed. SIP users will now experience similar ring cadences for calls presented to the SIP voice lines that are available for ITE stations.

Ring options supported (per line):

- Ring – The SIP line rings with the appropriate alerting: Inside, Outside, Feature, Ring-Ping, or No Ring. The rings are similar to that performed for an ITE, except the Feature Ring on a SIP phone is a short-short-long ring instead of an ITE's short-short-short ring.
- No Ring – The SIP line never rings for any type of call, even for ACD calls.
- Abbreviated Ring – For a SIP line, the Abbreviated Ring option actually performs a ring-ping followed by silent alerting instead of the normal Abbreviated Ring used by ITE's, where the ITE may ring for several seconds before silently alerting the user. With Abbreviated Ring enabled, a SIP line will always abbreviated ring (ring-ping) for any type of call, even for ACD calls, EXCEPT for a call using no ring (such as an ACD call where the pilot is setup for no ring). When no ring is used, it overrides the Abbreviated Ring.

The Delayed Ring option that is available for ITE's is NOT supported for SIP phones and therefore, no Administrative Console option will be prompted.

SIP phones set up with ACD lines should normally be setup using the Ring option so that the ACD pilot ring option (ACD/CAR field) controls the ringing on the phone. However, the SIP phone can be setup with No Ring or Abbreviated Ring, but the SIP phone rings as described above.

As with ITE's, when Do-Not-Disturb is enabled for a SIP phone and the Do-Not-Disturb treatment (UGRP/CHP/DND) is set for Ringing, calls shall be offered to SIP phones with no ringing. Previously, no calls were ever offered to SIP phones when Do-Not-Disturb was enabled so this now matches ITE operation.

SIP Hands Free Auto-Answer

Enhancements to the Hands Free Auto-Answer (HFAA) feature have been introduced in this release. The Hands-Free Answer feature is now supported when using the Aastra 6739i, 6757iCT, 6757i, and 6755i SIP stations. The HFAA button can only be assigned to those specific Aastra SIP phone models.

A SIP station must be configured (using the Administrative Console) for the HFAA feature on a Voice Line or Intercom Line before the user can activate HFAA on that line and receive HFAA calls. Only a single SIP station may be configured for HFAA on a line.

Once HFAA is configured for a line on a SIP station, ONLY that SIP station user may activate or deactivate HFAA (for that line). No station, ITE or SIP, can change HFAA status on the line other than that one configured SIP station. Pointspan only updates HFAA status for a line to the configured SIP stations HFAA button lamp and XML Auto-Answer page. The HFAA lamp will be turned off for all other stations that the line is assigned and that line will not be listed on the XML Auto-Answer page for the other SIP stations.



HFAA can be enabled independently on each individual Voice Line or Intercom Line assigned to a SIP station. By only configuring HFAA on lines for which the user desires to use the feature eliminates unnecessary prompting of the user when activating or deactivating HFAA.

Additional information can be found in the Pointspan 5.4 Features and Enhancements document.

SIP Intercom

The Pointspan Intercom feature for ITE users has been extended to the Pointspan SPN to include Aastra SIP station including support for Intercom Hands Free Auto-Answer.

All of the fields in an Intercom Group definition (both 10 and 100 member groups) apply the same to both ITEs and SIP stations with an Intercom Line assigned to that group. Therefore, no special consideration is needed for SIP stations. Intercom group members can be defined as all ITE members, all SIP members or a combination of both SIP and ITE members.

The SIP dial plan for the Aastra SIP stations may require modification and the Intercom member selection may require a “#” digit to be dialed when originating an Intercom call.

Additional information can be found in the Pointspan 5.4 Features and Enhancements document.

G.722 Audio Codec Selection for Aastra 67xi SIP Telephones

Aastra SIP Terminals provisioned as Aastra station types via the Pointspan Administrative Console now have the ability to use the G.722 audio codec.

The codec selection criteria can now be defined within the SIP Configuration Profile (SCFP command) and applied to all SIP users assigned that profile and further refined for each SIP station using the FONE command.

Codec order selection option example:

```
SIP CODEC(s) or ?.....(DEFAULT TO SCFP)..D => ?
SELECT THE LIST OF SIP CODEC(s) TO USE:
```

Enter "D", "B" or a number corresponding to the desired list of codec(s). The codecs are ordered in the list from the first-choice codec to the last-choice codec.

```
NUMBER    LIST OF SIP CODEC(s)
D.....Default Codecs from SCFP #1:
          G.711, G.729A (Aastra Basic Codecs)
B.....G.711, G.729A (Aastra Basic Codecs)
1.....G.711
2.....G.729A, G.711
3.....G.711, G.722
4.....G.711, G.722, G.729A
5.....G.711, G.729A, G.722
6.....G.722, G.711
7.....G.722, G.711, G.729A
8.....G.722, G.729A, G.711
9.....G.729A, G.711, G.722
10.....G.729A, G.722, G.711
```

Aastra Hi-Q™ Audio

Enhanced Performance and Clarity for 67xxi SIP Phones

Aastra Hi-Q™ enhances the clarity of voice calls making it easier to understand all that is said. Providing a truly superior voice experience and greater productivity, the benefits of this enriched sound can be clearly heard on both handset and speakerphone.

Aastra's Hi-Q audio technology is a software based acoustic optimization, backwards compatible with existing 67xxi series SIP phones, delivering a more life-like conversation and richer user experience via an industry standard G.722 wideband codec.



This innovative software-only upgrade works on existing hardware and is included in 67xxi firmware version 2.5.0 or later. Once configured, it is automatically activated for calls that successfully negotiate the use of G.722 codec.

Aastra SIP Phones that support Hi-Q include: 6757i CT, 6757i, 6755i, 6753i, 6751i, 6739i, 6731i and 6730i.

Aastra 6739i Executive Terminal

Pointspan release 5.4 formally announces interoperability support for the Aastra 6739i Executive SIP Terminal.



The Aastra 6739i, a new member of the carrier-grade, open-standards based 67xi SIP portfolio, brings leading edge communications technology to the desktop in a stylish global design. Featuring a 5.7" full color high resolution VGA touch screen display, the 6739i offers an intuitive graphical user interface, touch screen softkeys, full duplex wideband audio speaker and handset, dedicated LED indicators, built in Bluetooth interface and a USB port. The 6739i also is equipped with multiple headset connection options, support for up to nine lines with call appearances, dual Gigabit Ethernet Interfaces and extensive call management capabilities.

The 6739i is ideally suited for senior professionals who require a powerful, flexible IP telephone to maximize their communications efficiency.

Features

Large Touch Screen Display

The high resolution (640 x 480) full VGA backlit LCD Touch Screen display is at the heart of the Aastra 6739i. A state of the art display, the screen provides helpful navigational menus to take full advantage of the powerful telephony features this SIP phone brings to the desktop. Adjustable contrast and brightness settings can be used to ensure maximum resolution quality in any lighting environment. The screen size is large enough to offer multiple touch screen softkeys which can be customized as speed dial/function keys.

Remarkable Audio

All 67xi Series IP Telephones incorporate Aastra Hi-Q™ audio technology to deliver enhanced performance and voice clarity. Integrating wideband audio software and full frequency response hardware, the Aastra 6739i goes one-step beyond maximizing the acoustic performance to deliver a remarkable audio experience on every call, whether using the handset, hands-free speakerphone or headset port. Sound quality and performance are clearly elevated to a new level with the 6739i from Aastra.

Flexible Headset Options

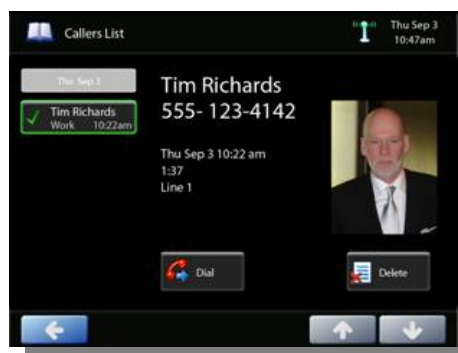
Providing enhanced headset flexibility, the 6739i allows for a variety of headset options. Featuring a built-in Bluetooth interface and a dedicated EHS (DHSG) port, the 6739i facilitates mobility around the office while enjoying remarkable audio quality on your wireless headset. Additionally, a standard modular headset connector with built-in amplifier provides easy connection for traditional commercial headsets.

Simplified Deployment

From initial deployment and configuration to future enhancements and upgrades, the Aastra 6739i is designed to save your business time and money. Dual autosensing switched Gigabit Ethernet ports eliminate additional wiring and simplify installations without compromising the bandwidth required by power users. Integrated IEEE 802.3af Power-over-Ethernet allows easy deployment with centralized powering and backup.

User Interface

- 5.7" Full VGA (640x480) color Touch Screen LCD
- Intuitive graphical user interface and navigation menus
- Adjustable screen contrast and brightness settings for user comfort in different lighting environment
- 3 dedicated line/call appearance hard keys with LEDs
- Dedicated hard keys for : Voice Messages, Transfer, Conference, Callers List, Hold, Redial, Mute etc.
- Up to 55 additional programmable softkeys
- Color based icons/Translucent buttons
- Built-in USB port
- Picture ID
 - o Available for incoming and outgoing calls
 - o Callers List
 - o Redial List and directory



- On screen QWERTY keyboard to add or edit information on the phone
 - o Simply tap on the entry field and enter letters and numbers as required
 - o Add or edit directory entries, configuration parameters etc.



- Distinctive ringing, priority alerting
- Call forward, Call transfer, Call waiting, Call timer
- Caller and Calling Line information
- Callers list, Missed Call Notification
- Multi-lingual support. Downloadable language packs

Audio

- Aastra Hi-Q Audio™ Technology
- Full wideband frequency response hardware: Handset, full duplex speakerphone and headset port
- Multiple headset connection options: Modular headset jack, built-in EHS (DHSG) port, Built-in Bluetooth headset support
- Voice Quality Metrics (3.1 release)
- Hearing aid compatible (HAC) handset
- Codecs: G.711 μ -law / A-law, G.729, G.722 wideband

Expandability and networking

- Support of existing M670i and M675i expansion modules
- High density expansion bus for future adjunct modules
- Dual Gig-Ethernet switched ports (LAN and PC)
- Integrated IEEE 802.3af Power Over Ethernet (PoE) support
- Host of other network protocols to support a variety of network environments. See spec sheet for details



Aastra MBU 400 Interoperability

Pointspan release 5.4 formally announces interoperability support for the Aastra MBU 400, an affordable, scalable multi-handset SIP–DECT mobility solution.

Aastra MBU 400 and Aastra 420d Handset



Bringing superior DECT 6.0 (1.9 GHz) based technology, the MBU 400 offers a reliable, cost effective, multi-handset office mobility solution. Consisting of the MBU 400 gateway, which supports eight unique SIP registrations, one analog FXO port, and up to eight 420d handsets, the system can function integrated with the Pointspan SPN or as a standalone SIP-DECT solution.

With handset features such as a color screen display, speakerphone, polyphonic ring tones and easy access to functions and features, the MBU 400 can increase productivity and efficiency.

Key Features and Benefits

Fully Integrated Solution

The MBU 400 DECT gateway supports eight unique SIP registrations and one FXO port providing a fully integrated SIP and Analog service for Small Business. It offers true multi-user capability with capacity for up to eight handsets with eight individual VoIP telephone numbers and, unlike traditional cordless solutions, allows 4 simultaneous calls at once (3 SIP plus 1 Analog).

Superior Technology

Employing DECT 6.0 technology, the MBU 400 offers virtually interference-free performance in any work or residential environment. The technology employs advanced encryption providing an extra layer of security to calls and improving overall wireless call quality.

Feature Rich Handsets

The 420d handset is equipped with a backlit color graphical display providing phone status, Caller ID, Call Waiting, DND, Transfer, Hold and a variety of information at-a-glance. This stylish handset also offers features such as speakerphone, intercom between handsets, vibrate functionality, polyphonic ring tones, twelve hours talk time capability and a large directory for up to 170 entries.

Aastra SIP-DECT™ 600d Interoperability

Pointspan release 5.4 formally announces interoperability support for the Aastra 600d family of SIP-DECT handsets. Employing the latest in DECT technology, the Aastra SIP-DECT™ Solution offers superior levels of interference-free performance, security and reliability in a cordless SIP telephone system. This scalable, enterprise grade, mobility solution allows users to take the features and voice quality of their desk telephone with them throughout their office environment or related branch offices serviced by the same Corporate network. DECT technology virtually eliminates issues of dropped calls, interference, security and range by employing IP DECT access points that seamlessly “handoff” calls and enable roaming. This system is ideal for any single or multi-location business, retail or institutional setting that requires mobile employees to be available to take or receive calls at any time.

Aastra 610d

The basic model for the business sector.



The Aastra 610d is the basic model for the business sector. Its local phone book administers up to 200 contacts with 5 entries each. The redial list allows quick access to the last 20 numbers dialed. With its illuminated monochrome 2" display it guarantees an optimum overview and simple operation of the clearly structured menus at all times.

Features

- LC-display (2", 176 x 160 dots, monochrome)
- Telephone book for 200 contacts*, with 5 possible entries: office, private and mobile number; email address* and ringing tone* assignment
- Ambient noise filter for loud environments
- 44 polyphone (Midi type) and 8 normal ring tones with automatic volume control can be assigned
- Up to 5 user profiles for e.g. Headset or meeting usage can be configured
- Hands free operation
- Headset connector (2.5 mm jack)
- Intelligent battery management
- 2 programmable navigation keys
- 3 color multi-purpose LED which can be set for signaling numerous operation modes.

Aastra 620d

High-end mobile phone for the professional.



The user-friendly Aastra 620d is the high-end mobile phone for the professional. Its large TFT color display provides clear graphic displays and ideal legibility even under difficult light conditions. The display size offers the perfect conditions for intuitive menu guidance and ergonomic operation. Many freely programmable keys support the simple navigation and the use of different lines. Equipped with a Bluetooth interface for a cordless headset, the Aastra 620d enables maximum freedom of movement. The high-quality lithium-ion battery can be charged via the USB interface, independently of the charging bay. The headset socket remains accessible, so calls can still be made via the headset while charging is in progress. An optional power battery is available for operating times of up to 200 hours in standby mode.

Features

- Color TFT display (2", 176 x 220 dots, 65,536 colors)
- Telephone book with 200 entries, each: office, private and mobile number
- Ambient noise filter for loud environments
- 44 polyphone (Midi type) and 8 normal ring tones with automatic volume control can be assigned
- Up to 5 user profiles for e.g. Headset or meeting usage can be configured
- Hands free operation
- Headset connector (2.5 mm jack) and Bluetooth® headset support
- 1 programmable hotkey
- 2 programmable navigation keys
- 3 programmable side keys
- Intelligent battery management
- Remote Battery Assistant* (2nd release)
- Mini USB PC interface
- 3 color multi-purpose LED, which can be set for visualization of functions

Aastra 630d

For use in tough working environments.



The sturdy Aastra 630d is designed for use in tough working environments.

The device satisfies industrial standard IP 65 and with its high level of dust protection and water jet-resistance, it can be used anywhere outdoors or in production. It is very easy to clean and in order to comply with high hygiene requirements, making it ideally suited for the healthcare sector, too.

The 630d is capable of withstanding fall heights of up to 2 m onto concrete. Not only that, it offers all the user convenience of the Aastra 620d such as a large TFT display, Bluetooth and USB interface. With its integrated “mandown” alarm the phone is ideal for security professions or the prison and detention sectors. When the “mandown” feature is activated, the phone automatically ascertains whether it is in a position that might indicate that the employee finds himself in a threatening situation – if necessary sending an alarm to a preset number. An additional emergency call key makes the 630d the ideal companion not just for security-related professions, but also for hospitals and care facilities.

Features

- TFT-color display (2", 176 x 220 dots; 65,536 colors)
- Telephone book with 200 entries, each: office, private and mobile number
- Ambient noise filter for loud environments
- 44 polyphone (Midi type) and 8 normal ring tones with automatic volume control can be assigned
- Up to 5 user profiles for e.g. Headset or meeting usage can be configured
- Hands free operation
- Headset connector (2.5 mm jack) and Bluetooth® headset support
- 1 programmable Hotkey for numbers or functions
- 2 programmable navigation keys
- 3 programmable side Keys
- 1 Emergency key on top
- Intelligent battery management
- Mini USB – PC interface
- 3 color multi-purpose LED, which can be set for visualization of functions

Requesting Upgrades for Pointspan Systems

With Software Subscription or In-Warranty

To request an upgrade from Pointspan software release PS3.5, PS4.5, PS5.0, PS5.1, PS5.2 or PS5.3 to PS5.4 when a Warranty or a Software Subscription is in place, please order the upgrade based on the warranty or Software Subscription process by ordering part number 885 0250 000 54.

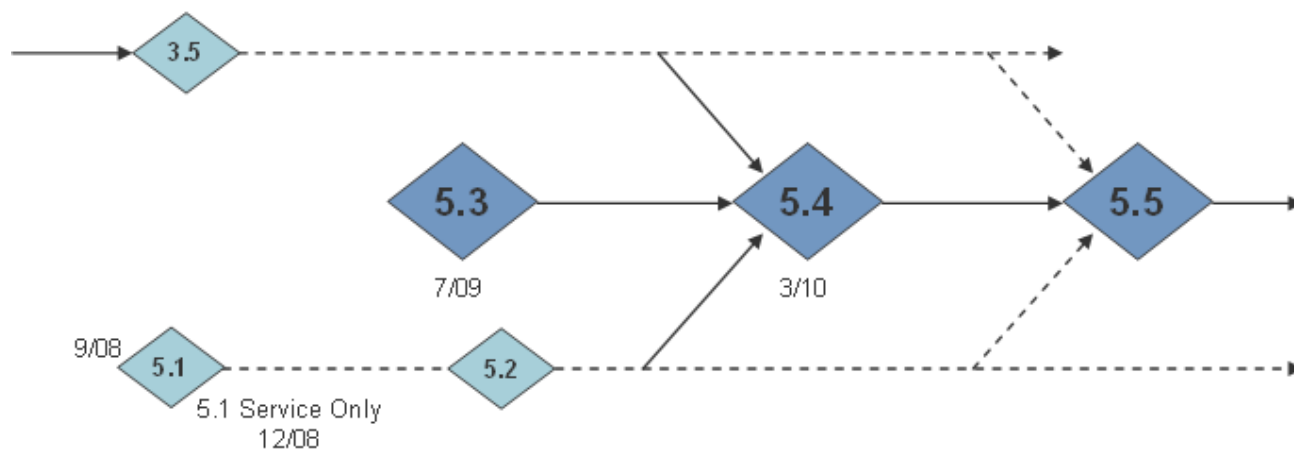
Any Pointspan Customers requesting the Pointspan 5.4 upgrade and their current system has a Pointspan release prior to release 3.5 installed must also order the Pointspan release 3.5 upgrade. These customers should also include part number 885 0250 000 35 in their order.

Without a Software Subscription

Contact your Technical Sales Manager to request an upgrade price quote to upgrade to the Pointspan 5.4 software release. Use part number 885 0250 000 54. Additional upgrade part numbers based on the number of users, IP nodes and survivable IP and remote nodes will apply when not in an annual software agreement. The price calculation for upgrades without an annual software subscription requires pricing the base, feature and user licenses based on the size of the system, technical publications plus any applicable implementation.

Table # 2: Upgrade Part Number

Part Number	Description
885 0250 000 54	SFTWR, SYSTEM UPGRADE, PS3.5, PS4.5, PS5.0, PS5.1, PS5.2 OR PS5.3 TO PS5.4



Aastra SIP Telephone Part Numbers

The Aastra SIP telephone families offered with the SPN are the Aastra 9xxi, 67xxi series telephones and Aastra SIP-DECT. See Table # 3 for the Aastra 9xi series telephones, Table #4 for the Aastra 673xi series telephones, Table #5 for the 675xi series telephones and Table #6 for the Aastra SIP-DECT devices.

The Aastra SIP telephones provide additional capabilities via XML. Non Aastra SIP phones will support basic telephony features. In most cases, a basic SIP phone will support Call, Transfer, Conference and Hold.

The classic SIP series telephones such as the 480i and 9133i are still supported on the SPN but may not support all future SPN enhancements as they become available.

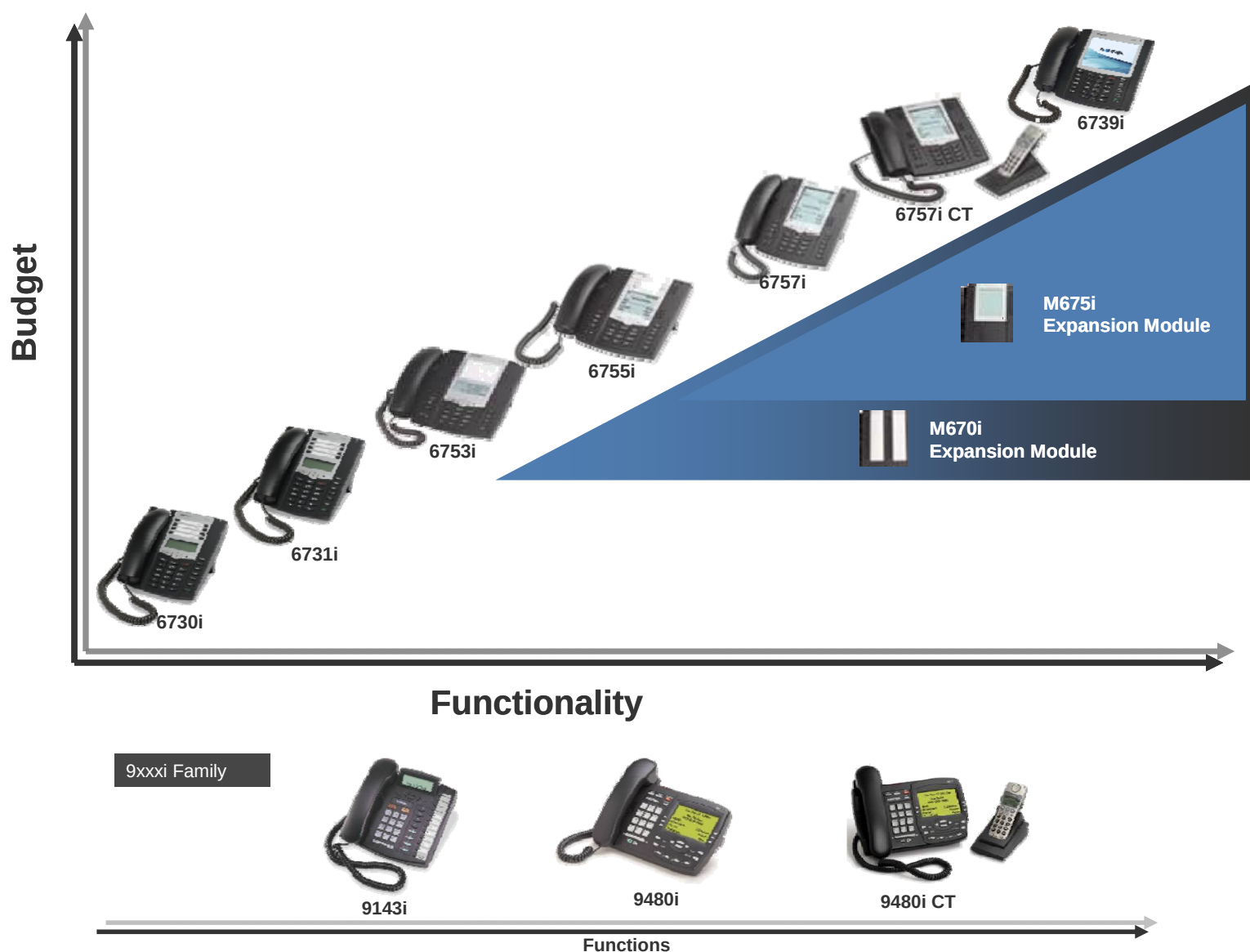


Table # 3 Aastra 9xi SIP Phone Part Numbers

Part Number	Description	Picture
A1737-0131-1005	9480iCT (35iCT) SIP PHONE, FULLY FEATURED SCREEN, w/CORDLESS HANDSET, CHARCOAL	
A1735-0131-1005	9480i (35i) SIP PHONE, FULLY FEATURED SCREEN, CHARCOAL	
A1733-0131-1005	9143i (33i) SIP PHONE, FULLY FEATURED MULTI-LINE, CHARCOAL	
D0023-0031-0000	AASTRA SIP TELEPHONE POWER SUPPLY - POE ADAPTER	NA

Table # 4 Aastra 673xi SIP Phone Part Numbers

Part Number	Description	Picture
A6739-0131-1001	6739i SIP PHONE Executive Level Feature Rich IP Telephone, Large 5.7" Full VGA (640 x 480) Color Touch Screen LCD, Incorporates Aastra's Hi-Q™ Audio Technology, Bluetooth Headset Support, Up to 9 Lines with Call Appearances, Built-in Dual Gigabit Ethernet Support, Supports Power over Ethernet (PoE) - optional power adaptor sold separately	
A6730-0131-1001	6730i SIP PHONE, FULLY FEATURED MULTI-LINE, CHARCOAL	
A6731-0131-1001	6731i SIP PHONE, FULLY FEATURED MULTI-LINE, CHARCOAL	
D0023-1051-0075	Power Adapter 15W (48V) AC adapter, Input plugs (NA, EU, UK, AUS) Compatible with: 9133i, 9143i, 480i, 9480i, 480i CT, 9480i CT, 6753i, 6755i, 6757i, 6757i CT, 6739i phones	
D0023-1051-0275	Power Adapters 6730, 6731i (North America)	

Table # 5 Aastra 675xi SIP Telephone Part Numbers

Part Number	Description	Picture
A1758-0131-1001	6757i CT SIP PHONE, FULLY FEATURED SCREEN, w/CORDLESS HANDSET, CHARCOAL	
A1757-0131-1001	6757i SIP PHONE, FULLY FEATURED SCREEN, w/CORDLESS HANDSET, CHARCOAL	
A1755-0131-1001	6755i SIP PHONE, FULLY FEATURED SCREEN, CHARCOAL	
A1753-0131-1001	6753i SIP PHONE, FULLY FEATURED MULTI-LINE, CHARCOAL	
A1760-0000-1055	M675i (560M) EXPANSION MODULE CHARCOAL	
A1736-0000-1055	M670i (536M) EXPANSION MODULE CHARCOAL	

Table # 6 Aastra SIP-DECT Part Number and Pricing

Part Number	Description	Picture
A1762-0000-0200	MBU 400 SIP-DECT Mobility Solution, Includes one MBU 400 Gateway Base Unit and One 420d Handset, DECT 6.0 Technology, System can support up to eight 420d Handsets, Supports eight unique SIP registrations, One FXO port and one LAN port	
A1763-0000-02-00	420d DECT Handset SIP-DECT Handset for the Aastra MBU 400 mobility solution, 1.5" backlit color graphical LCD screen, Polyphonic Ring Tones, Vibrate Alerting	
A0000-6885-1013	610d Handset High quality entry-level SIP DECT wireless handset, Large LCD display (2", 176 x 160 pixels, monochrome) with backlight, SOS key for an emergency speed dial number, Phone directory for 200 contacts, Dustproof design. Universal AC adapter	
A0000-6885-0015	620d Handset High quality business level SIP-DECT wireless handset, Large Color LCD display (2", 176 x 220 pixels; 65,536 Colors) with backlight, Built-in Bluetooth® interface for advanced connectivity with cordless headsets, SOS key for an emergency speed dial number. Universal AC adapter	
A0000-6884-9017	630d Handset High quality SIP-DECT wireless handset in a robust ruggedized enclosure, Large Color LCD display (2", 176 x 220 pixels; 65,536 Colors) with backlight, Water jet proof design, Emergency key and 'man down' feature, Built-in Bluetooth® interface for advanced connectivity with cordless headsets. Universal AC adapter	

D0068-895D-0000	DECT HANDSET 142 3 AAA Rechargeable Batteries Memory Card (Pre-inserted in handset) Belt Clip, Charging Cradle, 120 VAC Power adapter, Quick User Guide	
D0069-135D-0000	DECT ACCESS POINT RFP 32 NA (INDOOR)	
D0069-134D-0000	DECT ACCESS POINT RFP 34 NA (OUTDOOR)	
D0068-885D-0000	DECT OMM ACTIVATION KIT PARK key (Portable Access Rights Key) CD with the following content: OMM software, Configurator Tool, OMM Installation, Administration and Maintenance document	N/A

Pointspan SPN Aastra SIP Telephone Feature Button Matrix

Feature Description	Key Label	480i / 480iCT	6731i	6739i	6739i w/ M675i	6739i w/ M670i	6753i	6755i	6755i w/ M675i	6755i w/ M670i	6757i / 6757iCT	6757i / 6757iCT w/ M675i	6757i / 6757iCT w/ M670i	9133	9143	9480i / 9480iCT
Do Not Disturb	DND	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Call Pickup	Call Pkup	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Conference	Conference	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Transfer	Transfer	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Call Forward	Forward	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Call Park	Call Park	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Agent Sign-On	On/Offline			X	X	X		X	X	X	X	X	X			
ACD - Queue Depth	Queue			X	X	X		X	X	X	X	X	X			
ACD - Agent Work/Wrap	Wrap/Work			X	X	X		X	X	X	X	X	X			
Voice Mail	Voice Mail	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Message Desk	Msg Desk	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
OAI Feature 1	OAI 1			X	X	X		X	X	X	X	X	X			
OAI Feature 2	OAI 2			X	X	X		X	X	X	X	X	X			
OAI Feature 3	OAI 3			X	X	X		X	X	X	X	X	X			
OAI Feature 4	OAI 4			X	X	X		X	X	X	X	X	X			
OAI Feature 5	OAI 5			X	X	X		X	X	X	X	X	X			
OAI Feature 6	OAI 6			X	X	X		X	X	X	X	X	X			
OAI Feature 7	OAI 7			X	X	X		X	X	X	X	X	X			
OAI Feature 8	OAI 8			X	X	X		X	X	X	X	X	X			
Message Recall	Admin Defined			X	X	X		X	X	X	X	X	X			
Supervisor Alert	Admin Defined			X	X	X		X	X	X	X	X	X			
Transact	Admin Defined			X	X	X		X	X	X	X	X	X			
Hands Free Auto Answer	AutoAnswer			X	X	X		X	X	X	X	X	X			
Call Record	CallRecord			X	X	X		X	X	X	X	X	X			
ACD - Agent Statistics	Agent Stat			X	X	X		X	X	X	X	X	X			
ACD - Agent Unavailable	Un-avail			X	X	X		X	X	X	X	X	X			
Busy Lamp Field	Busy Lamp			X	X	X		X	X	X	X	X	X			
News Services	News	X		X	X	X		X	X	X	X	X	X			X
Speed Dial	Speed Dial	X		X	X	X		X	X	X	X	X	X			X
Speed Dial 8	Speed Dial	X		X	X	X		X	X	X	X	X	X			X
Speed Dial 100	Speed Dial	X		X	X	X		X	X	X	X	X	X			X
Delete	Delete		X				X									
Directory - Internal	Internal	X		X	X	X		X	X	X	X	X	X			X
Directory - Corporate	Corporate	X		X	X	X		X	X	X	X	X	X			X
Directory - Contacts	Contacts	X		X	X	X		X	X	X	X	X	X			X
Directory - Combined	Directory	X		X	X	X		X	X	X	X	X	X			X
Call Log	Call Log			*	*	*	X	X	X	X	X	X	X			
Empty		X		X	X	X		X	X	X	X	X	X			X
Automatic Dial	Auto Dial		X	X	X	X	X	X	X	X	X	X	X		X	X
Custom XML	Admin Defined	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

* Aastra 6739i Call Log feature supported via "Callers" button next to keypad.